

**OATH AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below-named inventor, being duly sworn, I hereby depose and say that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, ~~first~~ and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "High Electron Mobility Transistor and Method of Manufacture", the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby depose and say that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.

I hereby appoint:      Richard M. Sharkansky, Reg. No. 25,800  
                             William R. Clark, Reg. No. 29,523  
                             Denis G. Maloney, Reg. No. 29,670  
                             Walter F. Dawson, Reg. No. 30,046  
                             Christopher L. Maginniss, Reg. No. 30,288  
                             Donald F. Mofford, Reg. No. 33,740

my attorneys or agents, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, with the said Richard M. Sharkansky having full power of revocation of any power given to any other attorney or agent in this application, and request that all correspondence be directed to:

Richard M. Sharkansky 601  
Raytheon Company 602  
Patent Department 701  
141 Spring Street 702  
Lexington, MA 02173 703

Raytheon Case No. 35441  
APP-4  
8/23/90

I hereby subscribe my name to said specification, Oath and Power of Attorney this 9th day of May, 1991.

Full name of first inventor: John C. Huang 401 00

Inventor's signature John C. Huang

Residence: Cambridge, MA 02138 MA

Citizenship: United States of America

Post Office Address: 44 Concord Avenue, Apt. 404, Cambridge, MA 02138

Commonwealth of MA  
County of Middlesex ss.

Subscribed and sworn to before me this 9th day of May  
1991, by John C. Huang.

SEAL

Mary J. Denson  
Notary Public  
My Commission Expires: Sept. 13, 1996

I hereby subscribe my name to said specification, Oath and Power of Attorney this ninth day of May, 1991.

Full name of second inventor: Gordon S. Jackson 402 00

Inventor's signature Gordon S. Jackson

Residence: Belmont, MA 02178 MA

Citizenship: United States of America

Post Office Address: 79 Waverley Street, Belmont, MA 02178

Commonwealth of MA  
County of Middlesex ss.

Subscribed and sworn to before me this 9th day of May  
1991, by Gordon S. Jackson.

SEAL

Mary J. Denson  
Notary Public  
My Commission Expires: Sept. 13, 1996

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